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Abstract of the Disclosure

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A flexural actuator is fitted with an actuator means, the flexural actuator being fitted at its functional section with a sensor means for determination of the longitudinal stretch. This sensor means is placed at a position, and/or is placed in the longitudinal direction symmetrically on either side of such position, at which there is a constant longitudinal stretch independent from the setting force when the functional section is thrusting against a resistance.

Figure 1a